



SHAPING EUROPE'S  
DIGITAL FUTURE

Evolution of INSPIRE "GreenData4All"

65<sup>th</sup> Meeting of the permanent technical subgroup of the MIG  
(MIG-T)

15 April 2021

# Changed policy context

- End of the INSPIRE implementation roadmap.
- INSPIRE implementation still has gaps and is delayed.
- Mandatory evaluation of the INSPIRE Directive by 1st January 2022.
- The European Data Strategy announces a 'GreenData4All' initiative as a driver for a possible review of the legal framework.
- European Green Deal as political driver for developing a EU Green Deal data space.
- Open Data Directive and its implementing act on High-Value data sets.

# GreenData4All

## *INSPIRE as an enabler for the Green Deal dataspace*

- Better availability and accessibility of environmental data will help to deliver on EU Green deal strategies.
- INSPIRE Directive is an important instrument for bringing data from public administrations into the Green Deal data space
- **Evaluate the INSPIRE Directive** and look at the coherence with the public access to environmental information Directive 2003/4/EC
- **Possibly review the INSPIRE Directive**
  - On e.g., data reuse conditions, simplification, data priorities, flexibility of the legal framework ...
  - Opportunities to strengthen the coherence and synergies with the recently revised European legislation on Open Data and the implementing act on High Value Datasets (categories “Geospatial” and “Environmental and Earth Observation”)
  - live up to our commitment on supporting the EU Strategy on Adaptation to Climate Change (24 February 2021) by extending the scope of environmental data sharing to also include climate-related data

# Evaluation of the INSPIRE Directive

- Mandatory evaluation of the Directive by 1 January 2022
- The 2016 REFIT will feed into the evidence base for the evaluation.
- A Public consultation is planned for April 2021, targeted consultations for April - May 2021. ISC on SWD in September 2021. Regulatory Scrutiny Board submission in Oct. 2021 The Commission will publish the results of the evaluation in the form of a Staff Working Document (SWD) in December 2021.
- **Geographical scope:** all EU Member States and the EEA/EFTA countries.
- **Temporal scope:** 2014-2020.
- Better Regulation **evaluation criteria:** effectiveness, efficiency, coherence, relevance and EU added-value.
- The findings of the evaluation may lead to further EU action, such as revised legislation subject to the results of a possible impact assessment.

# Implementing Act on High Value Datasets

*Geospatial*

*Earth observation  
and environment*

*Meteorological*

*Statistics*

*Companies and  
company ownership*

*Mobility*

Datasets listed in the implementing act to be made available for free, in machine-readable formats, via APIs and (where relevant) as bulk downloads.

*Examples in recital 66:*

"the thematic categories listed in the Annex could inter alia cover postcodes, national and local maps (Geospatial), energy consumption and satellite images (Earth observation and environment ), in situ data from instruments and weather forecasts (Meteorological), demographic and economic indicators (Statistics), business registers and registration identifiers (Companies and company ownership), road signs and inland waterways (Mobility)."

**The thematic categories can be extended by Delegated Act**

Commission Services will be consulted on the draft implementing act in April. Then the act will be discussed with Member States in the Open Data Committee and a 4 week public consultation launched. The target for adoption is end of Q2 2021.

# Geospatial data

- **Scope**
  - **Administrative units, Place Names, Addresses, Buildings, Cadastral parcels, agricultural parcels**

<b>Licence and terms of use</b>	<b>CC-BY 4.0 or equivalent or less restrictive open licence</b>
<b>Format</b>	Open and widely used machine-readable format
<b>Machine-readability</b>	
<b>Availability of API, bulk download</b>	APIs
<b>Metadata (dataset content description) and documentation (incl. structure and semantics)</b>	At least INSPIRE elements
<b>Update frequency and timeliness</b>	Most up-to-date data available

# Earth observation and environment

- Environmental e-reporting priority data and the listed INSPIRE themes. Adds open data requirements to INSPIRE (download) services and to e-reporting priority data. Removes restrictive terms of use and fees. INSPIRE's data harmonisation efforts extend to open data. Follows current/future INSPIRE standards.

Earth observation	Environmental data	
Hydrography (I)	Air quality (prio)	Protected sites (I)
Land parcels (I), cover (II), use (III)	Biodiversity (prio)	Bio-geographical regions (III)
Elevation (II)	Emissions (prio)	Environmental monitoring facilities (III)
Geology (II)	Nature preservation (prio)	Habitats/Biotopes (III)
Ortho-imagery (II)	Noise (prio)	Natural Hazards (III)
Oceanography (III)	Waste (prio)	Soil (III)
Sea Regions (III)	Water (prio)	Species distribution (III)

# Thank you



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